

Notice of Allowability

Application No.

09/124,231

Applicant(s)

IINUMA, NOBUHARU

Examiner

Jean E. Lesperance

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the appeal brief filed November 13, 2006.
2. ☒ The allowed claim(s) is/are 1-21.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 6/7/06, 1-25-07
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2200

DETAILED ACTION

1. The appeal brief filed November 13, 2006 is entered and claims 1-21 are pending.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Richard A. Gollhofer (Reg. No. 31,106) on January 26, 2007.

Please amend claim 10 as follows:

Claim 10, line 14, after predetermined condition, insert _

Allowable Subject Matter

3. Claims 1 to 21 are allowed.
4. The following is an examiner's statement of reasons for allowance: the claimed invention is directed to a display apparatus.

Independent claims 1 and 6 identify a uniquely distinct feature "a display control unit operable to control the screen protecting image data stored in said memory unit to be displayed on said display screen irrespective of an operation mode of the main

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apparatus, said display control unit transmitting a control signal for changing the operation mode of the main apparatus into a low power consumption mode under a predetermined condition".

Independent claim 4 identifies a uniquely distinct feature "a sub-display control unit operable to control the screen protecting image data stored in said memory unit to be displayed on the display screen irrespective of an operation mode of the main apparatus, said sub-display control unit transmitting a control signal for changing the operation mode of the main apparatus into a low power consumption mode under a predetermined condition".

Independent claim 9 identifies a uniquely distinct feature "a display control unit, separate from the graphic controller, operable to control the screen protecting image data stored in said rewritable memory unit to be displayed on the display screen irrespective of an operation mode of the computer main frame, said display control unit transmitting a control signal, to control the operation mode of the computer main frame, to the computer main frame to instruct the computer main frame to not operate for a predetermined time period, and said display control unit transmitting a control signal for changing the operation mode of the computer main frame into a low power consumption mode under a predetermined condition".

Independent claim 10 identifies a uniquely distinct feature "a display control unit, independent from the central processing unit of said computer main frame, operable to control the screen protecting image data stored in the screen protecting data random access memory to be displayed on the display screen irrespective of an operation mode

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of the computer main frame, and said display control unit transmitting a control signal for changing the operation mode of said computer main frame into a low power consumption mode under a predetermined condition".

Independent claim 14 identifies a uniquely distinct feature "displaying the screen protecting image data stored in the screen protecting data random access memory on the display screen irrespective of an operation mode of the computer main frame, and transmitting a control signal for changing the operation mode of the computer main frame into a low power consumption mode under a predetermined condition".

Independent claim 20 identifies a uniquely distinct feature "a display controller causing the screen protecting image data stored in said memory unit to be displayed on said display screen, and transmitting a control signal to the data processing device to place the data processing device in an energy saver mode under a predetermined condition".

The closest arts, Kanno and Vossler as discussed in the previous Office action, either singularly or in combination, fail to anticipate or render obvious the above limitations obvious.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jean Lesperance whose telephone number is (571)

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272-7692. The examiner can normally be reached on from Monday to Friday between 10:00AM and 6:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Hjerpe, can be reached on (571) 272-7691.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(571) 273-8300 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Jean Lesperance



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Date 1/26/2007



RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
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